

Appl. No. : Unknown
Filed : Herewith

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) ~~According to one aspect of the present invention, there is provided an~~ An improved fluid treatment system, ~~including~~ comprising:
a low-pressure source, wherein the low-pressure source imparts a low pressure to at least part of the internal volume of the ~~improved~~ fluid treatment system, ~~and~~
at least one fluid inlet, ~~and~~
a primary chamber wherein the primary chamber contains at least one baffle adapted to control the flowrate of fluid out of the primary chamber, and
a secondary chamber, wherein the secondary chamber defines at least one inclined surface, ~~and~~
at least one fluid outlet,
~~characterized in that,~~
wherein fluid entering from the fluid inlet is pooled between the primary chamber wall and the baffle before flowing out of the primary chamber past the baffle to form a thin film laminar flow on at least part of the surface of the secondary chamber to remove at least part of the gas entrained with the fluid.
2. (Original) A fluid treatment system as claimed in claim 1 configured such that the thin film of fluid present in the secondary chamber creates a large meniscus to the low pressure source.
3. (Currently Amended) A fluid treatment system as claimed in ~~either~~ claim 1 ~~or~~ 2 wherein the secondary chamber has a single inclined surface.
4. (Currently Amended) A fluid treatment system as claimed in ~~any one of~~ claims 1 ~~to~~ 3 where the inner surface of the secondary chamber is inclined to control the rate of fluid.

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5. (Currently Amended) A fluid treatment system as claimed in ~~any one of~~ claims 1 ~~to 4~~ wherein the secondary chamber inner surface is textured to decrease velocity of a fluid flowing over the surface.

6. (Currently Amended) A fluid treatment system as claimed in ~~any one of~~ claims 1 ~~to 5~~ configured to allow fluid to pool in the primary chamber.

7. (Currently Amended) A fluid treatment system as claimed in ~~any one of~~ claims 1 ~~to 6~~ wherein there is a gap along at least part of the base of the baffle to control the flow of fluid from the primary chamber into the secondary chamber.

8. (Currently Amended) A fluid treatment system as claimed in ~~any one of~~ claims 1 ~~to 7~~ which has a fluid outlet positioned substantially towards the base of the system.

9. (Currently Amended) A fluid treatment system as claimed in ~~either~~ claim 7 ~~or 8~~ wherein the gap is less than 5mm wide.

10. (Currently Amended) ~~According to another aspect of the present invention there is provided a~~ A method of treating fluid characterized by the steps of comprising:

a) introducing the fluid to a fluid treatment system which includes a low pressure source, which imparts a low pressure to at least part of the internal volume of the improved fluid treatment system, at least one fluid inlet, a primary chamber, which contains at least one baffle adapted to control the flowrate of fluid out of the primary chamber, a secondary chamber, which defines at least one inclined surface, at least one fluid outlet,

wherein fluid entering from the fluid inlet is pooled between the primary chamber wall and the baffle before flowing out of the primary chamber past the baffle to form a thin film laminary flow on at least part of the surface of the secondary chamber to remove at least part of the gas entrained with the fluid, and

b) removing fluid from the treatment system.

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11-12. Cancelled